



Textile Processing Compound

Let You LEAD The Process

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FEATURES

- Stable at a wide pH range (pH 4-10)
- Excellent foam control persistence
- Outstanding dilution stability in tap and demineralized water – stable for at least 5 weeks at 2 percent active content in tap water (see Figure 3)
- Easy to disperse in aqueous systems
- Complies with key chemical control laws and regulations.
- Improved antifoam performance even at higher temperature

COMPOSITION

Silicone antifoam emulsion

Antifoam - DF

APPLICATIONS

• Possible application areas include waste water treatment, industrial cleaning, chemical processing and textiles (scouring, sizing, post-finishing, top, hang and continuous dyeing)

TYPICAL PROPERTIES

Test Appearance Viscosity pH Nonvolatile Content Active Ingredient Emulsifier Type Diluent Unit mPa.s percent percent

Result Off-white emulsion 1500 7-9 65 100 Nonionic Water

TESTING METHOD

100 mL of a foaming solution (1% DFT X 100 in water) is filled in a 250-mL bottle. The bottle is fixed in a wrist-action shaker and shaken for 120 seconds, after which the time for the breakdown of the formed foam is recorded. Shorter breakdown times indicate better antifoam persistence.

DESCRIPTION

Antifoam Emulsion is designed to provide optimum antifoam performance combined with good dilution stability and compatibility in various systems.

Antifoam Emulsion can be used in a wide variety of applications. It is characterized by very good dilution stability in tap and de-mineralized water as well as excellent long term foam control persistence.

HOW TO USE

Antifoam Emulsion should be diluted with water prior to use to accelerate dispersion in the foaming medium. A starting point dilution of 1 part Antifoam Emulsion with 9 parts of water is suggested. The preferred method of dilution is to add water to the emulsion, not vice versa. Avoid excessive shear. Preprocess testing is recommended.

Suggested starting concentration is 50-100 ppm active ingredient.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE BY CALLING ON THE ABOVE GIVEN PHONE NOS.

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and its intensity is not an indication of product strength. NONWARRANTY: The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.